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SOVIET INDUSTRIAL PRODUCTION HIGH: QUALITY OF PRODUCTS LOW

CITE GROWTH IN USSR INDUSTRY -- Moscow, Stanki i Instrument, Apr 53

During 35 years of Soviet rule, industrial production in the USSR has increased 39 times. In this period, approximately 7,000 large-scale enterprises have been renovated, built, or put into operation.

USSR HAS MORE THAN ONE MILLION METALWORKING MACHINE TOOLS -- Moscow, Ogonek, 31 May 53

"Computations have shown that high-speed cutting is releasing nearly one third of the metalworking machine tools, and we have more than a million of them!" /Quoted from an article by A. Ye. Prokopovich, chief engineer of the Experimental Scientific Research Institute of Metal Cutting Machine Tools./

DOUBLE MACHINE-TOOL PARK IN 8 YEARS -- Leningradskaya Pravda, 7 Apr 53

From 1945 through 1952, the machine-tool park of Soviet enterprises has more than doubled as a result of supplementing it with machine tools.

39 AUTOMATIC TRANSFER MACHINE LINES ARE IN OPERATION -- Moscow, Pravda, 13 May 53

Soviet industry has produced and is operating 39 automatic transfer machine lines for the production of parts for automobiles, tractors, agricultural machinery, and other products.

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MASTERS PRODUCTION OF NEW MACHINE TOOLS -- Moscow, Komsomol'skaya Pravda,
4 Mar 53

The Melitopol' Machine Tool Building Plant has mastered the production of new machine tools for constant-flow automatic transfer machine lines.

A grinding-polishing machine has been approved for series production. It will process parts by means of a flexible abrasive belt.

In 1953, the plant will produce more than 100 machine tools for the manufacture of knives and forks.

At present, the plant is mastering the production of an electrical erosion machine for processing complex-shaped parts.

CLAIMS AT VITEBSK MACHINE-TOOL PLANTS -- Minsk, Sovetskaya Belorussiya, 16 May 53

In 1952, the Vitebsk Machine Tool Building Plant imeni Komintern put out good-quality products, having produced thousands of machine tools and having received only three complaints. In no case involving a claim was the plant at fault.

The Vitebsk Machine Tool Building Plant imeni Kirov, on the other hand, has not done so well. The number of complaints increased from 31 in 1951 to 42 in 1952. Kaleshin is its director; and Sviridenko, its chief engineer.

ANTICORROSIVE PLATING ELIMINATES NEED FOR NONFERROUS METALS -- Moscow, Vestnik Mashinostroyeniya, May 53

The Orel Plant of Glavpishchemash (Main Administration of Food Machinery Building, Ministry of Light and Food Industry USSR) is perfecting a technology for producing an anticorrosive plating with EF-2 sizing and bakelite lacquer for ferrous metals. This will make it possible for the plant to eliminate almost completely the need for nonferrous metals in the manufacture of a large number of machines and apparatus.

EMPHASIZE POOR QUALITY OF PRODUCTS -- Moscow, Stanki i Instrument, Sep 52

During the postwar years, enterprises of the Ministry of Machine Tool Building have designed and perfected a large quantity of new modern machine tools, presses and forging machines, foundry machinery, and tools. Nearly all designs of universal machine tools now being produced by the plants have been replaced by new designs.

Although a great deal of progress has been made in this field, the quality of products put out must be improved. Some plants have not fulfilled their obligations in decreasing losses due to rejects. In the ministry as a whole, these losses exceeded one percent in 1951. In 4 months of 1952, they even increased at certain enterprises. Among these plants are the Minsk, Vinnitsa, Voroshilovgrad, and Chkalov plants.

At the Tbilisi Tsentrolit Plant, losses due to rejects reached 613,000 rubles in 4 months of 1952. Such a condition points to the poor work on the part of the plant's OTK (Office of Technical Control).

Evidence of the poor quality of products put out by the plants is the significant number of complaints received from consumers. For example, the Moscow Krasnyy Proletariy Plant has received complaint on Model 1620, and the Kuybyshev Srednevolzhskiy Plant on Model 1616.

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Because of the poor quality of anticorrosive processing, deviation from drafted dimensions and technical specifications, careless finishing, and poor packing, there have been complaints and return of tools produced by the Sestroretsk Plant imeni Voskov and the Novosibirsk plant.

POINT OUT LOW QUALIFICATIONS OF OTK STAFFS -- Moscow, Za Ekonomiyu Materialov, Nov 52

As is known, a plant's OTK is responsible for the output of good quality products. However, at certain enterprises, these divisions are staffed with poorly qualified workers, which makes it impossible to carry out proper control over each operation and over the acceptance of finished products.

The OTK at the Moscow Grinding Machine Plant is made up of 69 workers, only three of whom have a higher education. The other 66 have no more than secondary education or in some cases incomplete secondary education. At the OTK of the Moscow Machine Tool Building Plant imeni Ordzhonikidze, of 162 men, only three have received higher education and only 15 have completed secondary education.

Although it is not mandatory that all workers of the OTK complete higher or secondary technical education, the task of increasing the qualifications of these workers must be given serious attention. -- P. Karpov, chief, Coordinating Planning Administration of Gosplan, USSR.

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